

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1272333

Luminaire Tested: P3AS17R359827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272333
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

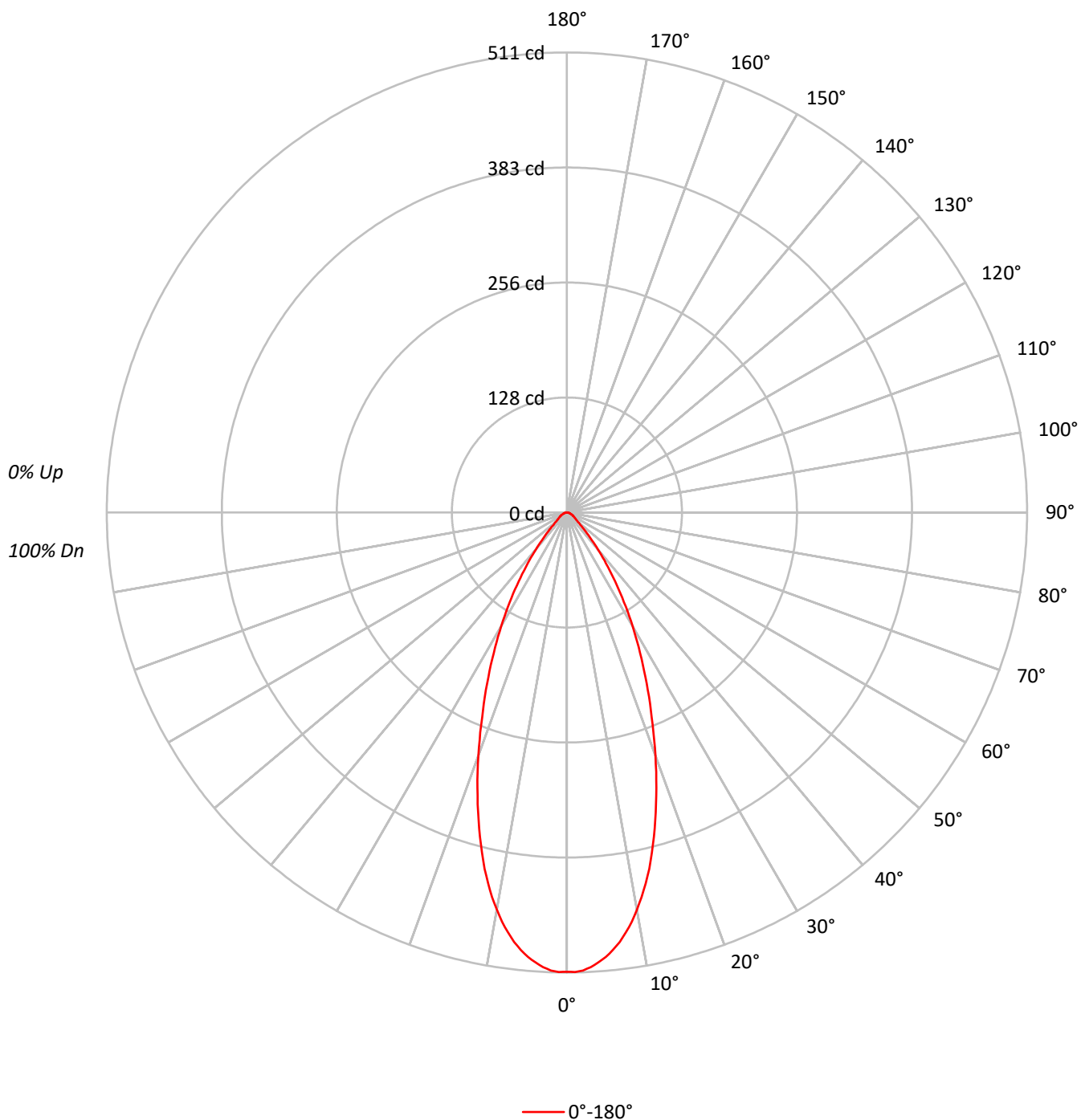
Lumens per Lamp: N/A
Luminaire Lumens: 348.0 lumens
Efficiency: N/A
Efficacy: 17.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1272333

CATALOG NUMBER: P3AS17R359827DE010 E3DLP1GPH

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111855
5°	109091
10°	99753
15°	84654
20°	67019
25°	50688
30°	36892
35°	24949
40°	15343
45°	8807
50°	5288
55°	4320
60°	3772
65°	3321
70°	2757
75°	2711
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8807 cd/sqm

TEST NUMBER: P1272333

CATALOG NUMBER: P3AS17R359827DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.8	13.2
10°-20°	102.8	29.5
20°-30°	96.2	27.6
30°-40°	58.9	16.9
40°-50°	23.2	6.7
50°-60°	10.2	2.9
60°-70°	6.4	1.8
70°-80°	3.4	1.0
80°-90°	1.2	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	244.8	70.3
0°-40°	303.7	87.3
0°-60°	337.1	96.9
0°-90°	348.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	348.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	510	
5°	496	46
15°	373	103
25°	210	96
35°	93	59
45°	28	23
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1272333

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CANDELA DISTRIBUTION (FULL):

0°	
0°	510.1
1°	510.6
2°	509.0
3°	505.8
4°	501.0
5°	495.6
6°	488.7
7°	480.6
8°	471.0
9°	460.3
10°	448.0
11°	435.1
12°	421.2
13°	406.2
14°	389.5
15°	372.9
17.5°	330.1
20°	287.2
22.5°	245.9
25°	209.5
27.5°	175.8
30°	145.7
32.5°	117.9
35°	93.2
37.5°	71.3
40°	53.6
42.5°	38.6
45°	28.4
47.5°	20.4
50°	15.5
52.5°	12.9
55°	11.3
57.5°	9.6
60°	8.6
62.5°	7.5
65°	6.4
67.5°	5.4
70°	4.3
72.5°	3.8
75°	3.2
77.5°	2.7
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5



TEST NUMBER: P1272333

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)